

# Intoximeters

Experience • Service • Integrity



## RBT V<sub>XL</sub>

Evidential-grade, handheld unit combined with docking station, keyboard, and printer for a complete and portable breath alcohol testing instrument and DOT compliant testing

Made in the U.S.A.

**Intoximeters' instruments have been proven time and time again to be the most accurate on the market. Having the distinction of being the oldest breath alcohol instrument manufacturing company in business today, we have led the breath alcohol testing industry since 1945.**

We've taken our Alco-Sensor® VxL handheld breath alcohol tester, and combined it with a docking station, keyboard, and printer, to provide a complete and portable breath alcohol instrument.

The Alco-Sensor VxL features our patented rear-facing display, unique lever-and-snap mouthpiece, illuminated mouthpiece guide, side-facing LED signals, backlit LCD display, and optional multi-color backlit messaging.

The RBT VxL is programmed to prompt the operator through a step-by-step test sequence that allows for data entry of subject, operator, and related test information through the keyboard. The instrument also collects and analyzes the breath sample and provides the results via the display and a print out while storing the test to memory.

The RBT VxL supports a variety of workplace testing protocols, including DOT, NRC, and DOE, as well as unregulated testing. Custom protocols and applications are also available.

It also supports a Quick Test option, which allows the user to bypass data entry and move on to a fast, efficient testing procedure, used for screening or demonstration purposes.

The Alco-Sensor® line of alcohol breath testing instruments is the standard by which all other handheld breath alcohol analyzers are compared. They are the most widely used instruments for workplace testing.

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## Analytical System

Utilizes an Intoximeters electrochemical fuel cell sensor which generates an electrical response that is proportional to the Breath Alcohol Concentration in the provided, fixed volume sample. The fuel sensor is highly selective for alcohol. It does not respond to acetone or other substances found in the human breath after a fifteen minute deprivation period.

## Measurement Types

Manual Sample Direct Test  
Automatic Sample Direct Test  
Manual Sample Passive Test  
Automatic Sample Headspace Test  
Manual Sample

## Measurement Range

.000 to .440 g/210L (custom ranges and units of measure are available)

## Accuracy and Precision

Meets the NHTSA model specifications for Evidential Breath Test Devices

## Environmental Limitations

Instrument is designed to be used, and has a proven track record in almost any environment that an operator could expose breath alcohol testing instruments to. Instrument operates in a wide range of temperatures, ambient humidity, and ambient pressures.

## Mouthpiece

Direct Sample - The Intoximeters-designed mouthpiece provides both a "lever and click" alignment for simple installation and provides a tested and proven mouthpiece that produces accurate and repeatable results.  
Passive Sample - Passive cup adapter  
Headspace Sample - Drink sniffer adapter

## Visual Output

Backlit multi-color graphics LCD, side facing LEDs and a lighted mouthpiece guide provide easy to see visual information to help the operator complete the testing process.

## Audio Output

Audible tone to support visual messaging

## Data Storage

Can store up to 7,000 tests (depending upon number of data fields collected)

## Print Capable

The device is offered with a battery operated portable thermal printer.  
Alternate printer options are available upon request.

## Power Options

Disposable Batteries - 4 x 1.5V AA alkaline batteries  
Optional Rechargeable Batteries - 4 x 1.5V NiMH rechargeable cells  
Power for Printer - Rechargeable battery (charger included)

## Case Construction

Instrument - Rugged ABS casing with rubber overmolding grips  
Carrying Case - Nylon, water resistant softcase is provided in standard package

## Physical

Instrument Dimensions - 7.5" x 4.0" x 2.25"  
Instrument Weight (with batteries) - .75 lbs  
Standard Carrying Case Dimensions - 16" x 6" x 14"  
Standard Carrying Case Weight (loaded) - 6.5 lbs

## Approvals

NHTSA (US DOT) EBT, Inquire for list of approved US states or certifications in countries outside of the USA. CE Mark.

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## Standard Package Includes

Compatible Printer  
Keyboard  
Docking Station  
Printed Manual  
100 Mouthpieces  
Nylon Carrying Case

## Instrument Options

AS VXLerator Data Management System  
IntoxNet  
Barometer Kit  
BlueTooth Kit  
Low Energy BlueTooth Kit  
GPS Kit  
Instrument Recharging Station  
Instrument Docking Station  
Mouthpiece Ejector Kit

## Training

Intoximeters offers in person training and has a variety of training tools available to help a user cascade training to their own operators. Contact our training department for more information (see Training section of our website at [www.intox.com/training](http://www.intox.com/training)).